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U. S. Department of Agriculture

1943

IRIS

If you go among your flowers,
During the closing evening hours,
When the sun is slowly sinking in the west,
Then you'll see the radiant glows,
From the golden light that flows,
Through the sunlight petals ere they go to rest.

SOUTHERN PACIFIC

On the inside of this front cover you will find the description of our new iris SOUTHERN PACIFIC.

This sensational introduction is a fit symbol of the great SOUTHERN PACIFIC. Grand and invincible.

W. E. TAYLOR
AMITY
GARDENS

Amity, - Oregon
Box 43

When the sun shines through your iris blooms you will see in many of them worlds of jewels, like millions of tiny diamonds set in transparent leaf gold.

IMPORTANT

Please read this entire page carefully

VARIETIES

Many of the late varieties are wonderful creations, masterpieces of the highest type, and we commend them to your attention.

We can only mention a few of them here owing to the limited space available, but outstanding are, Aztec Copper, Grand Canyon, Naranja, Copper Lustre, Ormohr, Mohrson, Southern Pacific and a host of others,

In obtaining our collection, we have endeavored to select the most attractive iris from hundreds of fine kinds, and feel sure our selection affords a good range of color from which our patrons can secure a satisfactory collection with which to beautify their home gardens and grounds. With every order we send out we will send a folder, "About Iris", which gives some helpful hints about the care of iris and also about combatting some of the pests which bother us by destroying much of what we work very hard to grow. If you have a friend who may wish our folder, a penny post card will bring it to them. Just drop us a line.

THE NEW IRIS SOUTHERN PACIFIC

From its first appearance in our gardens, this wonderful iris has been a strong, and very vigorous growing plant with leaves tall, smooth and strong, and with tall strong stems well branched. The huge blooms are well placed, and many reach a spread of nine inches. Both standards and falls are inclined to curve and have a slight ruffle around the edges. The standards have a strong midrib and stand straight and almost closed. The falls are semi-flaring, drooping enough at the outer edge to give the bloom a very artistic appearance. Texture firm. Color, a soft shade of rich lavender blue and has a delicate pinkish glow throughout, with a light area through the center, and the falls are penciled darker through the haft. The beard is orange at the base, shading to lighter at the outer end. Blooms open two to four at a time on a stem. Stems three to four feet tall. The plants have withstood freezing weather, wind and rain storms as well or better than other large iris under same conditions. Blooming period around thirty days. This is a gracious addition to the iris family, and gives a full measure of beauty and size and a soft pleasing pacific tone.

Each \$10.00

SHIPPING TIME

June fifteenth and through July is the best time to reset iris, but August and September are fairly good. We will ship later if so desired. We recommend, however, that orders be sent as early as possible as it is a decided advantage to get the plants in early so that they will be well established by winter and will be more sure to give satisfactory blooms the following season. We pack our iris in excelsior and ship only strong vigorous plants and consider them out of our control after the shipment is delivered to the transportation agency here, but will be glad to be advised if they do not reach you in good condition. However, we cannot guarantee any iris to live or grow under conditions over which we have no control.

TERMS

Cash to accompany all ordars, checks, money orders, or currency will be acceptable, but we recommend that all letters containing currency be registered. All orders must be for one dollar or over, and all orders are received subject to prior sale or to conditions and circumstances existing when orders are received. We ship by parcel post unless otherwise instructed. We pay transportation charges to all points within the United States.

Please write or print your name and address plainly.

ALTA CALIFORNIA	Ea. 25c	3 for 50c
Lite golden yellow, tall and imposing, large blooms.		
AMITOLA	Ea. 35c	3 for \$1.00
Huge dusty pink and rose blend of fine quality, excellent blooms with golden russet center.		
ANAKIM	Ea. 35c	3 for 90c
Large lavender blue, strong grower and a good propagator, lovely blooms, excellent form.		
ARCTIC	Ea. \$3.00	3 for \$8.00
Large fine white with excellent form, ruffled with broad falls and closed standards, wonderful new white of delightful effect.		
AZTEC COPPER	Ea \$3.00,	3 for \$8.60
A copper violet blend of rare beauty and charm, nothing just like it, large blooms, fine texture, splendid effect, one of the very best of the copper bronzes yet produced.		
BIRCHBARK	Ea \$1.00,	3 for \$2.60
Lovely creamy white, large blooms, good texture and splendid form.		
BLACK WINGS	Ea 25c,	3 for 50c
Very dark purple, almost black, fine texture, black velvety finish.		
BLUE VELVET	Ea. 25c	3 for 50c
Wonderful deep velvety purple. Excellent fascinating sheen, large blooms on strong stems. One of the loveliest deep blues.		
BUECHLEYS GIANT	Ea. 25c	3 for 50c
Huge clear lavender blue, of fine quality. Tall, strong, and majestic. One of the really splendid giants in iris.		
BURNING BRONZE	Ea. 25c	3 for 50c
Reddish bronze and purple. Very striking coppery tone, good texture, fine form, and attractive appearance.		
BUTO	Ea. 25c	3 for 50c
Dark purple, fine velvety texture, good form, and likable.		
CALIFORNIA GOLD	Ea. 25c	3 for 60c
Golden yellow. Large fine flower of excellent quality.		
CHINA MAID	Ea. \$1.00	3 for \$2.60
Glorious pink blend of the very finest quality. Fine texture, good blooms, pleasing tone.		
COPPER LUSTRE	Ea. 40c	3 for \$1.00
Pinkish tan, blending into copper and gold. One of the finest coppery kinds. Fine texture good blooms on medium tall, strong stems. An unusual flower.		
DAUNTLESS	Ea. 25c	3 for 50c
Reddish purple		
DIRECTEUR PINELLE	Ea. 25c	3 for 60c
Mauve, of good texture, smooth tone, and splendid form.		

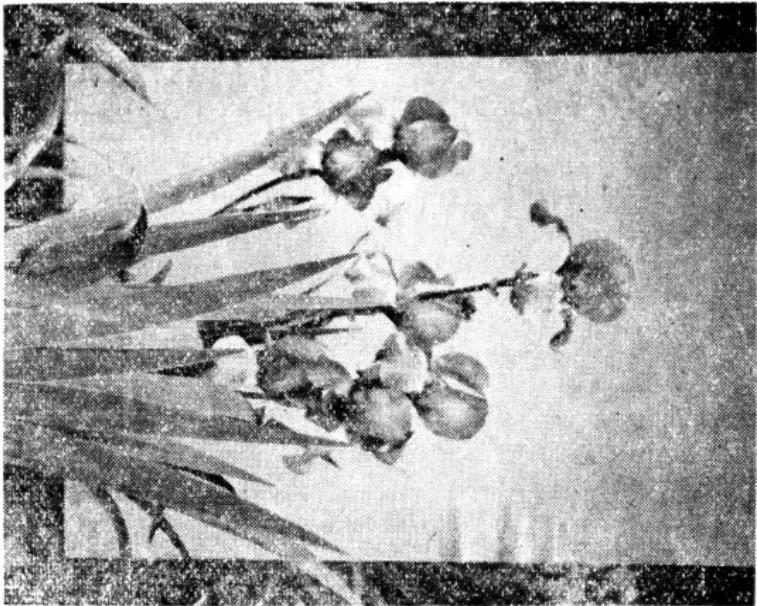
EASTER MORN	Ea. 40c 3 for \$1.00
	Almost pure white, slight creamy tint, beautifully domed standards, large flaring falls, vivid orange beards.
EL CAPITAN	Ea. 25c 3 for 50c
	Large lavender blue, tall strong stems, blooms of beautiful tone, well placed.
ELEANOR ROOSEVELT	Ea. 25c 3 for 60c
	Lovely dark purple, fine texture. Fall bloomer.
ETHELWYN DUBUAR	Ea. 25c 3 for 50c
	Lovely soft pink. Has the tone of lovely orchid. One of the finest and most beautiful pinks.
ETHIOP QUEEN	Ea \$1.00, 3 for \$2.75
	Dark purple, almost black, velvety texture, fine blooms and a strong grower.
EUPHONY	Ea. 25c 3 for 50c
	Mustard yellow. Fine novelty.
FAR WEST	Ea 50c, 3 for \$1.35
	Wonderful blend of salmon, gold, coral and henna, large blooms with golden glow through the heart and deep orange beard.
FRIEDA MOHR	Ea. 25c 3 for 50c
	Fine tall pink
GLORIOLE	Ea 35c, 3 for \$1.00
	Fine blue, large blooms well placed on strong stems, good bloomer.
GLOWPORT	Ea. 50c 3 for \$1.35
	Wine red, attractive glow through the heart, bronze yellow beard. A rich red of charm and merit.
GOLDEN HIND	Ea. 35c 3 for \$1.00
	Rich golden buttercup yellow, good form, vivid orange beard. A great golden.
GRACE STURTEVANT	Ea. 25c 3 for 50c
	Soft tan and violet purple.
GRAND CANYON	Ea. \$4.00
	Deep blend of gold and copper, strikingly beautiful tone, blooms very large, It is different from all other iris.
GREAT LAKES	Ea. \$2.00
	Clear blue self of exceptional merit, tall, graceful, grand. Considered one of the most perfect iris yet produced.
GUDRUN	Ea 25c, 3 for 60c
	Soft creamy white, lovely blooms, good form, fine texture.
HAPPY DAYS	Ea 35c, 3 for \$1.00
	Light yellow, strong grower, soft smooth tone, very fine.
ICY BLUE	Ea \$3.00
	Light delicate blue, clear icy tone, large lovely blooms, almost white, very unusual and attractive.
INDIAN CHIEF	Ea. 25c 3 for 50c
	Combination of pink and red.

ADDRESS, AMITY GARDENS, BOX 43, AMITY, OREGON

ITASCA	Ea 40c. 3 for \$1.10
	Deep purple, fine silky texture. A rich purple of great merit.
JEAN CAYEUX	Ea 25c, 3 for 50c
	Soft light buff self, splendid form and texture and a most unusual color of rare beauty.
JERRY	Ea 25c, 3 for 50c
	Standards soft pinkish tan, falls deep purplish red, deep in color, splendid in form and one of the best reds.
JUNALUSKA	Ea 40c, 3 for \$1.10
	Blend of red copper rose and gold, early lovely blooms on tall graceful stems, really fine.
KALINGA	Ea 35c, 3 for \$1.00
	Warm cream, large soft toned blooms, lots of fine flowers. Very pleasing.
KING MIDAS	Ea 25c 3 for 50c
	Golden buff and reddish brown
KING TUT	Ea. 25c 3 for 50c
	Reddish brown and deep red and golden yellow
LADY PARAMOUNT	Ea. 35c 3 for \$1.00
	Primrose yellow. Fine soft texture, large, well placed blooms on good stems.
LEGEND	Ea, 25c 3 for 50c
	Lavender blue and rich claret.
LOS ANGELES	Ea. 25c 3 for 50c
	White placata, with edging of lavender blue. Splendidly penciled. Flowers large, on tall graceful stems. Very popular.
MARCO POLO	Ea. 25c 3 for 60c
	Bright rose and crimson. Flowers vivid and strikingly beautiful.
MARTIE EVEREST	Ea. 25c 3 for 50c
	Soft clear lavender blue. Lovely tone. Fine blooms. Good grower. Fall bloomer. Very desirable.
MARY GEDDIS	Ea. 25c 3 for 60c
	Salmon orange, deeper toned falls, good blooms, well placed.
MELDORIC	Ea 25c, 3 for 50c
	Rich deep black purple,
MISS CALIFORNIA	Ea. 60c 3 for \$1.65
	Tall lilac pink. Large blooms, very graceful. One of the most satisfying lovely pinks.
MISSOURI	Ea. 50c 3 for \$1.40
	Clear blue of fine quality. Large blooms, of excellent form and lovely tone.
MOHRSON	Ea. 60c 3 for \$1.65
	Huge deep violet seedling from the famous iris William Mohr. Blooms are of exceptional beauty and size. One of the outstanding late introductions.
MONADNOCK	Ea. \$1.00
	Rose red. Large attractive blooms, of good form and texture. One of the best in new iris.

MOUNTAIN SUNSET	Ea. 35c 3 for \$1.00
	Old gold and fawn suffused with varying shades of violet. Large blooms, of fine tone and splendid form.
NARANJA	Ea. 30c 3 for 75c
	Deep orange. Unusual in color scheme. Lovely in effect, and very attractive.
NATIONAL GIANT	Ea. \$10.00
	Rose violet, with bronze tone. Large blooms of good quality and texture. On strong well branched stalks.
OREGON GIANT	Ea. \$1.00
	Large dark velvety purple. Wonderful blooms on strong stems. An exceptional late bloomer.
ORMOHR	Ea. \$1.50
	Pale lilac. A huge seedling from the iris William Mohr, and one of the unusual colors of that strain of iris. Lovely blooms on strong stems. Strong grower of merit.
PERSIA	Ea. 35c 3 for \$1.00
	Grayish lavender and rich purple. One of outstanding merit, of good form, and fine texture, and soft tone.
PHEBUS	Ea. 25c 3 for 50c
	Creamy yellow, mellow soft tone, fine blooms, medium tall. One of the most pleasing of its class.
PRESIDENT PILKINGTON	Ea 25c, 3 for 50c
	Fine mauve,
PURISSIMA	Ea. 25c 3 for 50c
	Clear pure white. Large blooms on tall graceful stems. Fine form and good texture.
RED DOMINION	Ea 25c, 3 for 50c
	Dark red and purple.
SACRAMENTO	Ea 25c 3 for 50c
	Lovely white placata
SANDALWOOD	Ea. 40c 3 for \$1.10
	Soft fawn brown and salmon blended with mauve and tan. A lovely tone, fine blooms, and very satisfactory.
SANTA BARBARA	Ea. 25c 3 for 50c
	Lavender blue, light soft tone, nice blooms, medium tall, beautiful in form.
SAN DIEGO	Ea. 25c 3 for 50c
	Deep lavender blue, rich in color, and a profuse bloomer. One of the loveliest of the deep purplish lavenders.
SAN FRANCISCO	Ea 25c, 3 for 50c
	Lovely white placata.
SEADEEP	Ea. 50c 3 for \$1.40
	Deep blue bicolor. Standards sea blue, falls darker blue. A profuse bloomer, and one of the best blues of the late introductions.
SENLAC	Ea 25c, 3 for 50c
	Purplish red, very fine.
SENSATION	Ea 25c, 3 for 50c
	Lavender blue, one of our best blues.

SHAHJEHAN	Ea 25c, 3 for 60c Buff and purple. Standards buff slightly edged lavender, falls chestnut brown merging into lavender, beard rich orange.
SHINING WATERS	Ea 25c, 3 for 60c Clear sky blue, large bloom with flaring falls, tall, graceful, fine texture.
SIEGFRIED	Ea 60c, 3 for \$1.50 Pale sulphur yellow, penciled and dotted with purple, a placata of unusual merit.
SIERRA BLUE	Ea 30c, 3 for 75c Soft clear blue of immense size, very showy and rivals all others in size and color, tall, graceful and attractive.
SNOW KING	Ea 35c, 3 for 90c Pure white, large waxy blooms of rare beauty, one of the loveliest whites.
SOUTHERN PACIFIC	Each \$10.00 Huge lavender blue, soft tone, splendid texture and form, a rare beauty. See description inside front cover.
SOUTHLAND	Ea 25c, 3 for 60c Lite golden yellow, lovely rich tone and a good fall bloomer.
SPOKAN	Ea 25c, 3 for 60c Deep chestnut red suffused throughout with copper, golden glow through center, of good form and texture and pleasing tone.
SUNGOLD	Ea \$1.00 3 for \$2.50c Large bright golden yellow, fine texture, a flower of unusual merit.
THE BLACK DOUGLAS	Ea 25c, 3 for 50c Big black blooms, one of the distinctive blacks, or darkest purples, a masterpiece in the dark kinds.
TIFFANY	Ea \$1.00. 3 for \$2.50 Soft yellow placata with brownish violet markings, one of the most attractive of the placata type.
TREASURE ISLAND	Ea 50c, 3 for \$1.35 Rich clear yellow, large bloom on tall strong stems, one of the best new yellows, tall, stately in appearance.
VENUS DE MILO	Ea 25c, 3 for 60c Warm creamy toned white, bright orange beard, one of the best new whites.
WILLIAM MOHR	Ea 25c, 3 for 50c Rich lavender and lilac, suffused and penciled soft grey which gives it a most unusual and distinguished soft silvery tone.
WINNESHEIK	Ea 25c, 3 for 50c Deep bluish purple. One of the very best, splendid form, rich color, high class and very showy.
ZUNI	Ea 25c, 3 for 50c Reddish brown and tan, suffused with copper all through, large attractive blooms, has a wonderful fiery glow in the sunlight.



W. E. TAYLOR
AMITY GARDENS
Box 43, Amity, Oregon
Return Postage Guaranteed

DEPARTMENT OF AGRICULTURE

WASHINGTON

D.C.

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You can have a splendid assortment and save money by taking advantage of one or both of our collection offers. One plant of each kind indicated; labeled and prepaid. In making up your orders be sure and confine your selection as outlined by our group arrangement. You may use this supplement for your order, just check the variety wanted and list the 25c varieties chosen from the folder or supplement, in the vacant space. We advise that you make a second choice in case the variety you wish is sold out, by placing a No. 2 before the name chosen for a second.

Collection No. One \$5.00

Any three from group "A" and any four from group "B" plus any six of the varieties listed in our folder or supplement at 25c each.

GROUP "A"

BIRCHBARK
CHINA MAID
ETHIOP QUEEN
TIFFANY
ORMOHR

GROUP "B"

MOHRSON
MISS CALIFORNIA
SIEGFRIED
FAR WEST
SEADEEP
GLOWPORT
TREASURE ISLAND
MISSOURI

Collection No. Two \$3.00

Any four from group "A" and any four from group "B" plus any six of the varieties listed in our folder or supplement at 25c each.

GROUP "A"

AMITOLA
ANAKIM
KALINGA
LADY PARAMOUNT
PERSIA
SNOW KING

GROUP "B"

COPPER LUSTRE
SANDALWOOD
JUNALUSKA
EASTER MORN
ITASCA
GLORIOLE
GOLDEN HIND
NARANJA
MOUNTAIN SUNSET

ALCAZAR,	Lavender.....	Ea. 25c	3 for 50c
ALLUWE,	Light yellow.....	Ea. 25c	3 for 50c
BALDWIN,	Violet purple.....	Ea. 25c	3 for 50c
BLUE CHINTZ	White placata with lavender marking	Ea. 25c	3 for 50c
CLARA NOYES	Peach and apricot blend	Ea. 25c	3 for 50c
COLUMBINE,	Pure white, ruffled..	Ea. 25c	3 for 50c
CORONATION,	Golden yellow.....	Ea. 25c	3 for 50c
DAMOZELLE,	Tall graceful placata....	Ea. 25c	3 for 50c
DEPUTE NOMBLOT,	Rosy purple.....	Ea. 25c	3 for 50c
DOLLY MADISON,	Lovely mauve.....	Ea. 25c	3 for 50c
DREAM,	Tall graceful soft pink ...	Ea. 25c	3 for 50c
EARLIEST OF EARLY	Deep reddish purple, very early	Ea. 25c	3 for 50c
GOLDEN HARVEST	Golden yellow, fall bloomer	Ea. 25c	3 for 50c
ISOLENE,	Lavender pink	Ea. 25c	3 for 50c
LARGO,	Light mellow yellow	Ea. 25c	3 for 50c
M. A. PORTER	Lavender blue and purple	Ea. 25c	3 for 50c
MARQUISETTE,	Soft delicate shrimp pink	Ea. 25c	3 for 50c
MARY SENNI	Mauve blended with ashes of roses	Ea. 25c	3 for 50c
MAZAMA,	Tall graceful lavender....	Ea. 25c	3 for 50c
MIDGARD.	pale pink, lovely tone	Ea. 25c	3 for 50c
MRS. HERBERT HOOVER	Soft pink with golden glow through heart.	Ea. 25c	3 for 50c
MRS. VALERIE WEST,	deep reddish tan	Ea. 25c	3 for 50c
PALIDA DELMATICA,	lavender blue	Ea. 25c	3 for 50c
RAMSES,	Buff, rose pink and golden	Ea. 25c	3 for 50c
SEMINOLE,	Very deep red.....	Ea. 25c	3 for 50c
TAPESTRY,	Mulberry red.....	Ea. 25c,	3 for 50c
TUSCANY GOLD,	Old gold	Ea. 25c,	3 for 50c
WEDGEWOOD,	pure wedgewood blue	Ea. 25c	3 for 50c

The American Iris Society

The American Iris Society is a very helpful and beneficial organization of special interest to iris lovers, and we will be glad to give you further information regarding its great value, or will be glad to send your application for membership in case you do not already belong.

ABOUT IRIS

The iris is of such wide range of color, and is gifted with such beauty, loveliness, and richness of color and tone, and is so easy to grow, it is one of the most desirable of flowers.

If you have no iris garden, your joy will be more complete when you start one, and if you have one, increase it to its utmost capacity, it will pay big dividends.

LIST

ORDER BLANK
AMITY GARDENS
BOX 43
AMITY, - OREGON

Name _____

City _____

St. No. _____ State _____

ABOUT IRIS

The American Iris Society, a most welcomed and highly appreciated organization was formed some years ago by iris lovers and growers to improve and promote iris to its present advanced development and high standing in the flower world. The society is great help to hybridizers, nurserymen, iris growers, and all interested in flower growing and improvement. The society maintains a system by which all named varieties of iris are judged, registered and rated, with regards to their relative value.

It encourages the perfection of iris and advances popularity. It cooperates with iris societies of other countries and its work is international in scope. It sponsors iris shows and appoints competent judges and has instituted a system of awards whereby new introductions of merit compete for honors, the highest of which is the Dykps medal. It issues four bulletins each year giving valuable information about iris and also many ideas and suggestions from members of the society. The bulletin also gives a lot of information on the propagation of new varieties. Each year a list of all new introductions is published giving description and other data. The members, all who can, attend an annual meeting held each year at different places. This brings together all those interested in iris from the modest home gardener to the large commercial growers and most noted hybridizers, and the bulletins give a graphic account of the activities of the convention. The annual dues in the society is \$3.00 and you will be proud to be a member if you do not already belong. Any one wishing to join the society may send the amount of their dues to us and we will send it in for them, or just drop us a penny post card and we will tell you how to apply for membership.

IRIS FROM SEED

The iris is a splendid garden flower, easy to grow and very easy to care for. Its wide range of color and its many artistic shapes, its wonderful shades, its golden glows and its sparkling jewels, all go to make it one of the most wonderful creations of the flower kingdom.

There are thousands of varieties now existing and more and more wonderful new varieties are being created each year. We have come a long way from the old fashioned flag to the present day glorious bearded iris with its huge blooms of velvety texture and wonderful shades. As each season brings forth its new and startling improvements, iris lovers are seized with a strong desire to get right into the game of hybridizing and to try and create something new for themselves. Crossing is a simple process, but hybridizing for most effective and satisfactory results requires scientific work and a lot of experience.

To those who have not had the experience, these suggestions will be helpful. Look at your iris bloom and you will notice that it has six petals, three standing upright, called the standards, and three flaring out and downward, called the falls. The narrow part of the fall is called the haft, and on the haft is the beard, which is usually orange or yellow, but is sometimes whiteish or blueish in tone, and just above the beard and extending out and over it you will find the stigma which separates at the outer end into two tips. These tips are called the crests. Beneath these crests you will find a small lip which runs across the stigma, and on this lip you place the pollen. Now by pulling down the fall you will find the slender white stamen fitted nicely into a groove in the stigma, and from this stamen you take the pollen by drawing a camel's hair brush up the under side, and then draw the pollen laden brush across the upper side of the lip, which if in the right condition to receive it, and if the pollen is right, the cross has a fair chance of becoming a reality. You will find blooms which have no pollen, and also many which will not easily take pollen, so do not be disappointed if many of your efforts avail you nothing, for many of them will be successful. A normal bloom which has pollen, and will take pollen, may be crossed with any other bloom of the same or similar qualifications.

The best time of day to take pollen is from around ten A. M. to four P. M., and on sunny days, for during this time both the pollen and the stigma are more likely to be in the best condition for the pollination. If your efforts are successful, in about a week or ten days the seed pod at the base of the bloom will begin to swell, and with ordinary luck will continue to develop to maturity. When the seeds are ripe, the pods will turn brown and will split at the end, and the seeds can be removed by pressing the pods completely open. If you wish to keep a record of your cross, mark the bloom pollinated with a tag giving the name of the plant pollinated. "X" the plant from which you have taken the pollen, and when the seeds are gathered keep this tag with its respective lot of seed. The seed may be planted at any time after being taken from the pod. However, it is best to plant them as soon after gathering them as possible, and they may be planted in open beds to take the winter freeze, or they may be planted in flats and placed out in the open. They usually germinate the following spring.

In planting, make a small trench in the soil about one inch deep, place the seed in and firm them in with the edge of a small piece of wood or some blunt surface, then cover with soil. When the plants are large enough, separate them and transplant them, and as they grow larger place them farther apart. Plants that are vigorous growers may bloom the second year, others the third. When they bloom, the desirable ones can be placed in permanent positions in the garden, and undesirables discarded.

Iris are by nature a sun-loving plant, and usually thrive and do best out in the open, and rarely do well when planted under trees where the light is diminished by heavy foliage and the ground is sapped by the roots; in fact, they do best when not crowded by any other shrubs or plants, and when placed where they have plenty of room, light, and good drainage.

Iris are easily grown, however, but to get the best results, proper care must be given them. They will grow very well in almost any kind of soil, provided it has plant sustaining substance, and in case of lean or poor soil it may be necessary to fertilize to some extent, and in case this is required, bone meal and raw ground limestone are very good, both being slow acting agencies, and one application will last for some time. When fertilizers are used, mix well with the soil before setting your plants. When setting one rhizome, lift the dirt and place the plant in, spreading out the roots and leave the rhizome just below the surface of the ground.

When transplanting clumps, shovel out a hole large enough to receive the clump, maintaining the proper level, place the clump in and fill the space around it with water to enable the roots to make better contact with the soil of the new position. Be sure that the earth is firmly pressed around the plants after being reset. Keep the ground well worked around your plants and do not let weeds or grass grow up by them. A very distressing leaf rot sometimes attacks the foliage of iris plants, but it usually occurs when the foliage is crowded, or growing against its own growth or other things growing against them. When this occurs, it usually causes the entire crown to sluff off from the rhizome, but this does not necessarily kill the plant for it will very likely put out new growth, and it is best to cover the injured part with dry powdered sulphur. Occasionally rhizome rot will appear in plants and that is best treated by cutting or scraping out the affected part down to the solid tissues and sprinkle the place with powdered sulphur, or if badly injured it may be necessary to treat the rhizome with a solution of potassium permanganate in a mixture of one level teaspoonful of the crystals to one quart of water. The damaged rhizome should be left out of the ground a few days before being reset. Spots sometimes appear on the leaves, and while this is not damaging to the plant, it is unsightly and can be remedied by spraying the entire plant with a bordeaux mixture. Iris borers sometimes attack plants and do a lot of damage, and while they are not found here in the Willamette Valley, they are prevalent in many parts of the country. The mother of this pest is a moth and she lays her eggs at the base of the plant, under the old dried foliage of the late fall, and by keeping all dry leaves from around the plants much may be done to prevent this enemy from coming into existence; if it does hatch, it first gets on the leaves and can be killed by spraying the young foliage in the early spring with a mixture of arsenate of lead, 1 ounce; fish oil soap, 1 ounce; and water, one gallon. If it manages to enter the leaf, it may be killed by pressing the leaf between the thumb and finger, provided it can be located, and should it be further successful in reaching the rhizome, it may be detected by a brownish substance showing around the crown, and if discovered in time, may be cut out and destroyed, or may be killed with a stiff wire being probed into the hole in the rhizome, and if not found and destroyed at this stage of its development, it will perhaps be able to eat out the entire inside of the rhizome, leaving only a shell. The cutworm is a near relative of the borer, but works differently, and does not injure other than small plants, and can be controlled fairly well by using a bait of one-fourth pound of arsenate of lead mixed well with one peck of dry bran. Then stir one pint of cheap molasses into one gallon of water. Then the bran and water are mixed to form a paste which can be scattered around any plants that you may want to protect.

Earwigs are a very serious nuisance in some districts, and while they do not injure iris plants to any great extent, they do damage other things in the garden, and their most annoying offense is to hide in the blooms and hitch-hike into your parlor. As many as a dozen of these disagreeable pests have been found in one lovely rose. A good bait for them is as follows, and will do a lot to control them. Bran, 12 pounds; sodium fluorosilicate, 1 pound. Mix well dry, and then stir in one quart of fish oil. Scatter this mixture around your plants, over your lawn, and through your borders, and any place where they may hide. They feed at night, and it is best to spread this bait in the evening. Another frightful enemy is the cockroach. This, one of the worst disease carriers of all pests, will come in from the worst germ-infested areas and crawl over your food if it can get at it, and while this pest has no connection with the subject (iris) it is a menace, for which if we can suggest a control, we are glad to be able to do so. The remedy for this bad actor is simply powdered borax. Place it in all places where the pest may hide, in every crack, behind all baseboards, and anywhere it may run, and the results will no doubt be gratifying.

If more specific and more detailed information is needed regarding the growing and care of iris, and also the regulation of various pests, it should be available from your county agent, or from the agricultural department at Washington, D. C.

In conclusion may we say that if any of these suggestions are of any benefit or help to our Iris lovers we will feel amply repaid for our efforts in offering them to you.

May complete and satisfying success crown your efforts in maintaining a beautiful flower garden full of lovely Iris, is our sincere wish.

AMITY GARDENS
AMITY, OREGON, BX. 43
W. E. TAYLOR

